GOVERNMENT OF ANDHRA PRADESH

ABSTRACT

Department of Real Time Governance – Restructuring the scope of the work - To operationalise Data Integration, Analytics & Governance Hub, Product Development Hub, Multi Source Visual Intelligence Hub, AI & Deep Tech Innovation Hub, People Perception Hub and AWARE hub - Implementation of Real Time Governance 4.0.- To float necessary RFPs – Orders-Issued.

DEPARTMENT OF REAL TIME GOVERNANCE

G.O.MS.No. 1 Dated: 12-12-2024

Read the following:

1. G.O. Ms. No. 2, Department of Real Time Governance, dated 06.9.2017.
2. E-file RTG01-RTG0RTGS(ESTT)/28/2024-DIR-FIN/ACT received from CEO, RTGS.

****

ORDER:

1. In the reference 1st read above, an operational wing of RTGD, Real Time Governance Society (RTGS) formed with the objective to improve governance, enhance service delivery, empower citizens and enable real time decision making backed by data, by leveraging e-Governance, technology and electronic communication.

2. In the reference 2nd read above the CEO, RTGS has informed that RTGS is striving to create a modern, data-driven government that is responsive to the needs of its citizens and capable of delivering services efficiently and effectively, by establishing different hubs mentioned below, and requested the Government for restructuring the scope of the work of Real Time Governance Society and also requested for permission to float necessary RFPs to operationalize Data Integration, establishing the following hubs:

I. **Data Integration, Analytics and Governance Hub:** The Government of Andhra Pradesh aims to establish a **Single Source of Truth (SSOT)** by integrating data across as many as 40 departments, 92 Heads of Departments (HoDs), and 614 autonomous organizations. This integration, facilitated through the Data Integration, Analytics & Governance Hub within the Real Time Governance Society (RTGS), consolidates vast amounts of structured and unstructured data into a central Data Lake which serves as a unified repository, reduces redundancies and promotes coordinated actions across departments. Advanced analytics applied on this centralised data lake provide valuable insights, optimizing allocation, tracking performance metrics, and supporting evidence-based policymaking. Additionally, the Hub ensures robust data governance, ensuring integrity, security, and compliance, contributing to a transparent and data-driven governance model for Andhra Pradesh.

II. **Product Development Hub:** The Product Development Hub will drive innovation in governance by designing and developing digital solutions tailored to the needs of citizens and government departments. This hub will focus on creating user-centric applications and platforms that streamline service delivery, improve accessibility, and enhance user engagement. By leveraging cutting-edge technology, the Product Development Hub aims to address critical governance challenges and support the state's digital transformation efforts with scalable, efficient solutions.

III. **Multi-Source Visual Intelligence Hub**: The Multi-Source Visual Intelligence Hub will integrate data from diverse sources to provide real-time visual insights for informed decision-making. This hub will aggregate and analyze information from satellite imagery, IoT sensors, drones, and CCTV networks, delivering comprehensive visual intelligence to monitor and manage key areas such as infrastructure, public safety, and environmental conditions. By enabling proactive, data-driven responses, the hub will enhance situational awareness and support effective governance.

IV. **AI and Deep Tech Innovation Hub**: The Innovation Hub within the Real-Time Governance Society (RTGS) is dedicated to driving digital transformation and pioneering technology-driven solutions in governance. This Hub brings together a diverse mix of government officials, technology experts, startups, and academic institutions to tackle complex governance issues jointly. It focuses on identifying relevant departmental use cases and studying global best practices, enabling the implementation of proof-of-concept projects. Aimed at positioning Andhra Pradesh as a worldwide leader in AI-based innovations, the Hub works to establish the state as a testbed for AI solutions that can be adopted worldwide. By fostering an environment of collaboration and innovation, the RTGS Innovation Hub creates advanced solutions that not only improve service delivery but also set new standards for transparent, citizen-focused governance. A detailed standard operating procedures (SOP) & guidelines to engage various start Ups, Tech companies and agencies be issued by RTGS.

V. **People Perception Hub**: The People Perception Hub is designed to centralize the monitoring of critical events and public sentiment, ensuring swift responses and efficient resource allocation. By gathering real-time data from multiple sources, the hub tracks incidents such as natural disasters, public gatherings, and emergencies, facilitating timely and coordinated actions. It also incorporates citizen feedback to gauge public sentiment, addressing concerns and improving satisfaction with policies and services. This proactive approach enhances crisis management, strengthens public safety, and ensures governance aligns with the needs and expectations of the people.

VI. **AWARE Hub:** The AWARE Hub will focus on advanced weather forecasting and early warning systems to enhance disaster preparedness and response. By integrating meteorological data, satellite observations, and predictive analytics, the hub will provide timely weather alerts and risk assessments for natural disasters like floods, cyclones, and droughts. This proactive approach

will help mitigate the impact of extreme weather events, ensuring better preparedness and safeguarding communities across the state.

3. In the circumstances reported by the CEO, RTGS vide ref 2nd read above, the Government after careful examination of the matter, hereby agreed for restructuring the scope of the work of Real Time Governance Society, as follows and directed to operationalise Data Integration, Analytics & Governance Hub, Product Development Hub, Multi Source Visual Intelligence Hub, AI & Deep Tech Innovation Hub, People Perception Hub and AWARE hub by recruiting the requisite personnel for implementation of Real Time Governance 4.0.

4. Further the Government also hereby directed the CEO, RTGS to float necessary RFPs to operationalize Data Integration, Analytics & Governance Hub, Product Development Hub, Multi Source Visual Intelligence Hub, AI & Deep Tech Innovation Hub, Project Management Unit and People Perception Hub.

Section – I: Department of RTG

5. The Following posts are intact as per original G.O.Ms.No.2 and shall be filled up by deputation on a fixed tenure basis for 3 years from the various services of State Government departments.

Designation	Number of Posts
Prl. Secretary (RTG)	1
Addl. Secretary/Jt. Secretary	4
Assistant Secretary	7
D.E.O-cum-Assistant	8

Section – II: RTG Society (RTGS)

6. RTGS is governed by the General Body (GB) & Executive Committee having the following structure :

General Body of RTGS

S.no	Executive Council	Designation in
1	Hon'ble Chief Minister	Chairman
2	Minister for RTG	Vice-Chairman
3	CEO – RTGS	Member &
4	8 Officials nominated by Govt.	Members
5	All Ministers	Members
6	All Secretaries	Members
7	All HoDs	Members

***GB to meet at least once a year**

The structure of the Executive Committee:

S.no	Executive Council	Designation in
1	Minister for RTG	Chairman
2	Principal Secretary – RTG	Vice-Chairman
3	Secretary – ITE&C	Member
4	CEO – RTGS	Member & Convener
5	CEO – Core Data Authority	Member
6	CEO – e-Pragathi	Member
7	Commissioner – GSWS	Member
8	Director General of Police	Member
9	Commissioner-DM & Ex-Officio Secretary to Rev (DM) Dept	Member
10	MD, AP FiberNet	Member

***EC to meet every quarter**

7. RTGS shall recruit its manpower through contracting/ outsourcing/ deputation. various restructured verticals in the RTGS are mentioned below:

Previous Vertical	Position Name	No	Restructured Vertical	Position Name	No.
RTGS	Chief Executive Officer	1	**RTGS**	Chief Executive Officer, IAS (Senior Time Scale)	1
				Chief Operating Officer	1
				Chief Data & Security Officer	1
				Chief Technology Officer	1
	Total	**1**		**Total**	**4**
AWARE Hub	Director	1	**AWARE Hub**	Manager	1
	Executive Assistant	1			
	Meteorologists	4			
	Agro-Meteorologists	2			
	JRF / SRF	10		Data Analyst	4
	Research Assistants	4			
	Technology Experts & Developers	6			
	Total	**28**		**Total**	**5**
RTGS – Administration	Director	1	**RTGS – Administration**	General Manager - HR	1
	Executive Assistant	1		Manager - Office Admin & Procurement	1
	Office Assistant / Manager - Office Admin & Procurement	2		IT Analyst	2

	Office Assistant / Manager – Logistics & Travel Desk	2		Business Analyst	13
				Executive Assistants	2
	Admin - IT Networking	2		Office Subordinates	4
	Total	**8**		**Total**	**23**
Finance & Accounts	Director	1	**Finance & Accounts**	Director	1
	Executive Assistant	1			
	Accountant / Manager - F&A	1		Manager - F&A	1
	Manager / Accountant - Audit	1			
	Manager - Risk	1		Asst. Manager / Accountant	1
	Total	**5**		**Total**	**3**
Transformed verticals of RTGS					
Data Mining, Analytics and Machine Learning	Director	1	**Data Integration and Analytics Hub**	Director	1
	Executive Assistant	1		Solution Architect	1
	Program Manager	5		Data Architect	1
	SME - Big Data Analytics, Machine Learning & AI	12		Data Governance Manager	1
	Data Analysts / Data Scientists	10		Data Scientist / Analysts	2
	Compliance Head	1		Data Engineers	2
	Developer	10		Data Security & Compliance Manager	1
	SEOC				
	Project manager – SEOC	3		Database Administrator	1
	Data Analysts / Data Scientists	6			
	Total	**49**		**Total**	**10**
Project Monitoring	Director	1	**Product Development Hub**	Director	1
				Product Manager	1
				Full Stack Developers / Senior Developer / Team Lead	5
	Executive Assistant	1		Sr. DB Developers	1
				Mid-level Developers / API Developers	3
				DB Administrator	1
	Project Managers	3		Mobile Developers	2
				Product Designers (UX/UI)	1
	Coordinators	13		Visualisation Developers	1
				Front End developers	2
				QA & Testing	1

	Total	**18**		**Total**	**19**
Innovation and Incubations and Start Ups	Director	1	**AI and Deep Tech Innovation Hub**	Director	1
	Executive Assistant	1		SME - Big Data Analytics, Machine Learning & AI	7
	Project Manager	2		Block chain Experts	2
	SME / Coordinator	3		Cloud/Infrastructure Engineers	2
	Total	**7**		**Total**	**12**
Event and Incidents Monitoring	Director	1	**People's Perception Hub**	Director	1
	Executive Assistant	1			
	Coordinators - Departments	6		Project Manager	1
	Coordinators - Districts	13		Coordinator - Electronic Media	2
Coordination & Crowd Sourcing	Director	1		Coordinator - Print Media	2
	Executive Assistant	1			
	District Coordinators	13		Co-ordinator - Social Media	4
	AMS - Print & Electronic				
	Project Manager – AMS	2		Social Media Strategist	2
	Coordinator - Print Media	5			
	Coordinator - Electronic Media	5		Content Writer	2
	I&PR				
	Project Manager - I&PR	2		Coordinators	25
	Coordinator - I&PR	5			
	Social media				
	Social media	37		Coordinator - I&PR	2
	Kaizala				
	Project Manager – Kaizala	1			
	SME – Kaizala	3			
	Call Center				
	Project Manager - Call Center	1			
	SME - Content - Call Center	2			
	Technology Experts & Developers	6			
	Data Analysts / Data Scientists / Coordinators	13			
	Fintech				
	Project Manager	2		Project/Department Coordinators	12

	SME – Fintech	4			
	Developers	3			
	Data Analysts / Coordinators	13			
	Total	**140**		**Total**	**53**
New Vertical of RTGS					
			Multi-Source Visual Intelligence Hub	Director	1
				IoT Specialist	2
				GIS specialist (Certified Associate or higher)	2
				Drones Specialist	1
				Computer Vision Engineer	1
				Crowd Sourcing Specialist	1
				GIS specialist (Spatial Statistics or Geo-Statistics)	2
				Total	**10**
	Grand Total		**255**	**Grand Total**	**139**

8. In addition to the above resources, RTGS required to engage relevant agencies who are expertise in implementing the above hubs.

Section - III: Command and Control Centres

9. District Level Command and Communication Centers (DCCC) be established under Collector and SCCC will command and communicate with DCCC through various verticals in the SCCC.

10. The following posts shall be filled up by deputation on a fixed tenure basis for 3 years from the various services of State Government departments as already proposed and sanctioned by Government vide G.O.Ms No 2 dated 06.09.2017. All other sections outlined in GO.MS. No.2, dated 06-09-2017, remain unchanged.

State Command Centre (1 No.)

Designation	Number of Posts
Chief Operating Officer – (Director General	1
General Manager – Operations (Director Cadre)	1
Sr. Manager – Operations (Joint Director Cadre)	4
Sr. Manager – Technical (Joint Director Cadre)	1
Sr. Manager – Planning (Joint Director Cadre)	1
Sr. Manager – Planning (Deputy Director Cadre)	7
Manager – Admin (Deputy Director Cadre)	1
Total	16

District Command Centres (13 Nos.)

Designation	Number of Posts
General Manager – (Director Cadre)	1
Sr. Manager – Operations (Joint Director	1
Manager – Operations (Deputy Director Cadre)	4
Manager – Technical (Deputy Director Cadre)	1
Sr. Manager – Planning (Joint Director Cadre)	1
Manager – Planning (Deputy Director Cadre)	7
Manager – Admin (Deputy Director Cadre)	1
Total for 1 district	16
Total for 13 districts	208

11. The Chief Executive Officer, Real Time Governance Society shall take necessary action accordingly.

12. This order issues with the concurrence of Finance Department vide their U.O.No. FIN01-HR0PDPP(TRPO)/170/2024-HR-II Dated 02.12.2024

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

S.SURESH KUMAR
SECRETARY TO GOVERNMENT

To
The Chief Executive Officer, Real Time Governance Society.
The Chairman & Members of Executive Council through CEO, RTGS.
Copy to:
The OSD to Secretary to CM.
The PS to Secretary to Government, Real Time Governance Department.
The PS to Secretary to Government, Finance Department.
The General Administration(Cabinet-I) Department.
The Director General of Police, AP, Mangalagiri.
The Accountant General, A.P. Vijayawada.
The District Collectors, through the CEO, RTGS
The Pay & Accounts Officer, A.P, Mangalagiri
SF/SC.

(C.No. RTG01-RTG0RTGS(ESTT)/28/2024-DIR-FIN/ACT (Comp.No.2640266)

//FORWARDED:: BY ORDER//

SECTION OFFICER